

## ***NCP-AIDC "AI Operations"***

<b>Section/ Objective</b>	<b>CL</b>	<b>Section/Objective Name</b>
<b>1</b>		<b>Environment</b>
1.01	U/A	Configure Bright Cluster Manager
1.02	U/A	Administrate Slurm Cluster
1.03	U/A	Install and initialize Kubernetes on NVIDIA hosts
1.04	U/A	Administrate Kubernetes cluster
1.05	U/A	Deploy DOCA Services on DPU Arm
1.06	U/A	Deploy containers from NGC.
1.07	U/A	Deploy cloud VMI containers
1.08	U/A	Use Slurm Cluster
1.09	U/A	Administer Base Command Platform
1.10	U/A	Administer Fleet Command
<b>2</b>		<b>Troubleshoot and Optimize</b>
2.01	U/A	Use system management tools to troubleshoot issues (DCGM, NVSM, nvidia-
2.02	U/A	Run basic IB CLI commands - ibstat, ibdev2netdev, mlx cable, mlxlink etc
2.03	U/A	Troubleshoot docker
2.04	U/A	Troubleshoot the fabric manager service for NVlink/NVswitch systems
2.05	U/A	Bright cluster manager troubleshooting
2.06	U/A	Troubleshoot Magnum IO components
2.07	U/A	Identify storage performance using common tools
<b>3</b>		<b>Management</b>
3.01	U/A	Install, update, and manage UFM network management tools
3.02	U/A	Install DOCA drivers on host
3.03	U/A	Install DOCA drivers on DPU Arm